

Project Category: 400 -- Public Works		Project Number and Title: 401. Pickup Trucks					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007
\$109,000			\$26,000	\$26,000	\$30,000	\$27,000	
DESCRIPTION							

Project Description:

Replacement of various types of trucks during FY 2004 – FY 2007; with one being replaced each year. The useful life of a new pickup truck is 10 years. VDOT replaces their gas engine pickup trucks every 6 years and diesel engine pickup trucks every 8 years.

Project Status:

The replacement of one of the FY 2003 trucks was identified in the FY 1999 CIP as a FY 2002 purchase and in the FY 2001 CIP was moved to a FY 2001 purchase but due to lack of funding was never purchased; then in the FY 2002 CIP was adopted as a FY 2003 project. The second truck for FY 2003 was adopted in the FY 2002 CIP and identified as a 4 x 4 Pickup Truck as a FY 2003 purchase. The FY 2004 truck was identified as a One Ton Pickup and adopted in the FY 2002 CIP as a FY 2004 purchase. The FY 2005 truck was adopted in FY 2001 as a FY 2003 purchase; due to lack of funding was never purchased and then placed in the FY 2002 CIP as a FY 2005 purchase.

Project Justification:

Pickup trucks are very high use pieces of equipment and unscheduled repairs can result in delays in performing scheduled maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Truck	\$ 26,000	General Fund Appropriation	
Truck	26,000	FY 2004	\$26,000
Truck	30,000	FY 2005	26,000
Truck	<u>27,000</u>	FY 2006	30,000
Total	<u>\$109,000</u>	FY 2007	<u>27,000</u>
		Total	<u>\$109,000</u>

Project Category:
400 -- Public Works

Project Number and Title:
401. Pickup Trucks

Effect on Operating Budget:

Decrease in Maintenance Budget

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in Maintenance Budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

Purchase one vehicle each year during FY 2004 to FY 2007.

Relation to Other Projects:

None

Other Information:

FY 2004	Replace 1988 Chevrolet ¾ ton truck (MD32)
FY 2005	Replace 1987 Ford Bronco (Car 31)
FY 2006	Replace 1990 Ford 1-ton truck (PW2)
FY 2007	Replace 1994 Ford ¾ ton truck (PW1)

MD 32

Car 31

	FY 1999	FY 2000	FY 2001	FY 1999	FY 2000	FY 2001
Parts	827	1,505	364	1,231	1,473	364
Labor	876	2,248	820	1,116	1,588	1,708
Outside Repairs	394	0	105	0	1,734	0
Total	2,097	3,753	1,289	2,347	4,795	2,072

PW2

PW1

	FY 1999	FY 2000	FY 2001	FY 1999	FY 2000	FY 2001
Parts	333	566	563	476	160	1,573
Labor	498	518	897	788	736	686
Outside Repairs	0	0	0	0	1,644	0
Total	831	1,084	1,460	1,264	2,540	2,259

Project Category:
400 -- Public Works

Project Number and Title:
402. Van with Aerial Lift

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	Beyond FY 2007
\$42,000					\$42,000		

DESCRIPTION

Project Description:

Purchase one-ton van with aerial lift basket for traffic light and street maintenance.

Project Status:

This was originally identified in the FY 1999 CIP as a FY 2003 project, in the FY 2001 CIP as a Beyond FY 2005 project and in the FY 2002 CIP as a FY 2006 project. This is not a replacement vehicle.

Project Justification:

This type of equipment will be needed to maintain the traffic signals installed on Wythe Creek Road and future signals. It will also be used for sign maintenance.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$42,000</u>	General Fund Appropriation	<u>\$42,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 402. Van with Aerial Lift
---	---

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	N/A

Time Frame Analysis:

FY 2006

Relation to Other Projects:

None

Other Information:

None

Project Category: 400 -- Public Works		Project Number and Title: 403. Dump Truck					
Total Estimated Cost		UNAPPROPRIATED SUBSEQUENT YEARS					
Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	Beyond FY 2007
\$55,000		\$55,000					
DESCRIPTION							

Project Description:

Replacement of a 1987 Ford 30,000 GVW Dump Truck (PW5). The useful life of a dump truck is 10 years by VDOT standards.

Project Status:

This was identified in the FY 2001 CIP and in the FY 2002 CIP was moved to a FY 2003 purchase.

Project Justification:

When this dump truck is replaced it will be 16 years old. As of November 2001, \$27,536 has been spent on the maintenance of this truck over the last 10 years. Future maintenance costs can only increase along with down time. This will make scheduled infrastructure maintenance very hard because we depend on using our dump trucks every day.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$55,000</u>	General Fund Appropriation	<u>\$55,000</u>

Project Category: 400 -- Public Works	Project Number and Title: 403. Dump Truck
---	---

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in Maintenance Budget
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

FY 2003

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	1,811	415	1,016
Labor	3,412	1,668	1,240
Outside Repairs	457	1,473	1,563
Total	5,680	3,556	3,819

Project Category:
400 -- Public Works

Project Number and Title:
404. Street Sweeper

Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	Beyond FY 2007
\$115,000		\$115,000					

DESCRIPTION

Project Description:

Replacement of a 1978 Ford Street Sweeper (PW9) with a truck with a vacuum system for cleaning curb, gutters and catch basins.

Project Status:

This was identified in the FY 2001 CIP as a FY 2004 project and in the FY 2002 CIP was moved to a FY 2003 project.

Project Justification:

Repair costs as of November 2001 for this equipment was \$44,893. Several parts have been rebuilt or fabricated because it is difficult to find replacement parts for a 23 year-old street sweeper. City streets are not being cleaned due to the unreliability of this piece of equipment.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$115,000</u>	General Fund Appropriation	<u>\$115,000</u>

Project Category:
400 -- Public Works

Project Number and Title:
404. Street Sweeper

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance parts
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease

Time Frame Analysis:

FY 2003

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	1,807	2,938	2,193
Labor	1,060	2,644	2,006
Outside Repairs	1,081	1998	1,865
Total	3,948	7,590	6,064

Project Category: 400 -- Public Works		Project Number and Title: 405. Hook Lift Truck						
UNAPPROPRIATED SUBSEQUENT YEARS								
Total Estimated Cost	Appropriation To Date	Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	
\$120,000			\$60,000		\$60,000			
DESCRIPTION								

Project Description:

Replacement of a 1989 Hook lift truck (MD7) with a 20,000 GVW truck equipped with lifting and dumping system. This unit is supplied with 2 dump bodies and one flat bed.

Project Status:

The FY 2004 purchase was identified in the FY 2001 CIP and the FY 2006 purchase is a new request.

Project Justification:

This piece of equipment is used daily for drainage maintenance. As of November 2001, \$15,315 has been spent on the maintenance of the existing piece of equipment. The new request is part of a plan to add a new drainage crew. For the past 20 years, Poquoson has accomplished all drainage with 2 employees. It is necessary to add another crew to continue cleaning outfall ditches. With the addition of a 2-man drainage crew, an additional hook lift truck will be necessary.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Truck	\$ 60,000	General Fund Appropriation	
Truck	<u>60,000</u>	FY 2004	\$ 60,000
Total	<u><u>\$120,000</u></u>	FY 2006	<u><u>60,000</u></u>
		Total	<u><u>\$120,000</u></u>

Project Category: 400 -- Public Works	Project Number and Title: 405. Hook Lift Truck
---	--

Effect on Operating Budget

Maintenance costs will decrease on replacement equipment, but will increase in FY 2006 for a new drainage crew.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased Operating expenses	Increase in maintenance cost \$2,000 (FY 2006)
Number of new positions	2
Additional salary costs	\$55,000 (FY 2006)
Additional other expenses	N/A
Net effect on annual operating budget	Increase in maintenance cost \$57,000 (FY 2006)

Time Frame Analysis:

FY 2004 and FY 2006

Relation to Other Projects:

None

Other Information:

Maintenance Costs (Existing MD7)

	FY 1999	FY 2000	FY 2001
Parts	1,438	109	614
Labor	844	380	1,261
Outside Repairs	0	0	500
Total	2,282	489	2,375

Project Category: 400 -- Public Works		Project Number and Title: 406. Backhoe Front-End Loader					
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS					
		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	Beyond FY 2007
\$80,000			\$80,000				
DESCRIPTION							

Project Description:

Replacement of a 1988 Backhoe front-end loader (PW14).

Project Status:

This was originally approved in the FY 2001 CIP.

Project Justification:

Over the past 10 years repair costs have totaled \$12,132.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Equipment	<u>\$80,000</u>	General Fund Appropriation	<u>\$80,000</u>

Project Category:
400 -- Public Works

Project Number and Title:
406. Backhoe Front-End Loader

Effect on Operating Budget:

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	Decrease in maintenance cost
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	N/A
Net effect on annual operating budget	Decrease in maintenance cost

Time Frame Analysis:

FY 2004

Relation to Other Projects:

None

Other Information:

Maintenance Costs

	FY 1999	FY 2000	FY 2001
Parts	337	1,084	818
Labor	914	522	658
Outside Repairs	788	0	6,648
Total	2,039	1,606	8,124

Project Category: 400 -- Public Works		Project Number and Title: 407. Public Works Compound						
Total Estimated Cost	Appropriation To Date	UNAPPROPRIATED SUBSEQUENT YEARS						
\$500,000		Year 1 FY 2003	Year 2 FY 2004	Year 3 FY 2005	Year 4 FY 2006	Year 5 FY 2007	BEYOND FY 2007	\$500,000
DESCRIPTION								

Project Description:

Renovation of existing Public Works building and compound area plus purchase of adjoining property.

Project Status:

The need to relocate was identified in the FY 1999 CIP. This year the focus has changed to renovation and adding on to the existing building.

Project Justification:

The Public Works Yard is located between the Poquoson High School, the Poquoson Primary School and the City Municipal Park. Purchase of adjoining property is needed for storage of materials and parking of equipment and vehicles. The current congestion creates an unsafe environment. The renovation of the existing building would include the addition of a second floor to accommodate the following: larger bathroom, lockers, a women's bathroom, large lunch room that could be used for training, sign fabrication room, office space, conference room and storage.

COST ANALYSIS		FINANCING ANALYSIS	
ACTIVITY	AMOUNT	SOURCE	AMOUNT
Architectural & Engineering	\$25,000	General Fund Appropriation	<u>\$500,000</u>
Land	120,000		
Construction	315,000		
Equipment	10,000		
Furnishings	5,000		
Fence	<u>25,000</u>		
Total	<u>\$500,000</u>		

Project Category: 400 -- Public Works Department	Project Number and Title: 407. Public Works Compound
--	--

Effect on Operating Budget:

The renovated building would be larger and would have increased operating and maintenance costs. The first year approximately \$10,000 would be needed for additional furnishings.

Estimated effect of completed project on operating budget

Increased revenue	N/A
Decreased operating expenses	N/A
Number of new positions	N/A
Additional salary costs	N/A
Additional other expenses	\$10,000 per year, \$10,000 first year
Net effect on annual operating budget	\$10,000 per year

Time Frame Analysis:

Beyond FY 2007

Relation to Other Projects:

None

Other Information:

None